

IN THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-9 (Cancelled)

10. (currently amended) A turbocharger (1) comprising:
a shaft (18) for mounting one rotor on each end thereof,
a bearing housing (4) for supporting said shaft (18), and
a turbine housing (2), an opening of which is arranged
opposite the bearing housing (4), wherein an end portion (5) of
the bearing housing (4) can be fastened on wall portions (33) of
the turbine housing which are adjacent to said opening,
wherein an area between said end portion (5) of the bearing
housing (4) and the turbine housing (2) has at least one
refractory sealing (17, 31) of mineral material or metal, and
wherein the refractory sealing of mineral material or metal
(17, 31) is selected from the group consisting of mica, graphite
and metal.

11. (previously presented) The turbocharger according to
claim 10, wherein said bearing housing (4) includes a flange
that can be inserted into a recess in the complementary wall
portion (33), and
wherein the refractory sealing (17), which comprises a
mineral or metallic material, is located between said flange (5)
and said recess in the wall portion (33).

12. (previously presented) The turbocharger according to claim 11, wherein said sealing (17), which constitutes a ring, is positioned against an outwardly facing surface of the flange (5), wherein said outwardly facing surface of the flange (5) is the flange's (5) peripheral surface.

13. (previously presented) The turbocharger according to claim 11, wherein said sealing (17, 17', 17'') is positioned against a surface (5') of the flange (5) of the bearing housing (4), wherein said surface (5') faces the turbine housing (2), wherein said surface (5') is a surface oriented in an axial direction, and

wherein said ring sealing (17') constitutes a crimped ring having two sections (17a, 17b) which abut flat onto respective surfaces (5' and 23) of the bearing housing (4) and the turbine housing (2).

14. (previously presented) The turbocharger according to claim 13, wherein said ring sealing (17') constitutes a half-crimped ring.

15. (previously presented) The turbocharger according to claim 13, wherein said ring sealing (17'') is bent in cross section, has a circumferential slot (41), and is positioned against an open circular groove (37) of one of the housings (4).

16. (canceled)

17. (currently amended) ~~The turbocharger according to claim 10,~~ A turbocharger (1) comprising:

a shaft (18) for mounting one rotor on each end thereof,
a bearing housing (4) for supporting said shaft (18), and
a turbine housing (2), an opening of which is arranged
opposite the bearing housing (4), wherein an end portion (5) of
the bearing housing (4) can be fastened on wall portions(33) of
the turbine housing which are adjacent to said opening,

wherein an area between said end portion (5) of the bearing
housing (4) and the turbine housing (2) has at least one
refractory sealing (17, 31) of mineral material or metal, and

wherein said turbocharger comprises a guiding grid of variable turbine geometry, which can be controlled by means of a control shaft (24), which is supported by the turbine housing (2) or by the bearing housing (4), and wherein said control shaft (24) is received within a divided bushing (28) between two parts (29, 30), wherein said sealing of mineral material or metal is positioned.

18. (previously presented) The turbocharger according to claim 17, wherein said sealing is graphite.

19. (previously presented) The turbocharger according to claim 17, wherein at least one of the parts (29, 30) of bushing (28) comprises a hollow cylindrical edge projection (34), which accommodates said sealing (31).

20. (previously presented) A method of manufacturing a turbocharger, wherein said turbocharger comprises a guiding

grid of variable turbine geometry, which can be controlled by means of a control shaft (24), which is supported by the turbine housing (2) or by the bearing housing (4), and wherein said control shaft (24) is received within a divided bushing (28) between two parts (29, 30), wherein said sealing of mineral material or metal is positioned, comprising:

introducing the control shaft (24) and said two bushing parts (29, 30), having said broader, deformable sealing (31) between said bushing parts (29, 30), into flange (5), wherein at least one of said bushing parts (29, 30) projects beyond said flange (5), and

applying pressure onto said one projecting bushing part such that said pressure is communicated to said sealing (31), whereupon said sealing fills orifices.

21. (previously presented) The turbocharger according to claim 15, wherein the circular slot (41) is oriented within a radial plane, and is turned radially inward with reference to the turbine shaft.